

LIGHT-EMITTING DEVICE**Publication number:** JP2004095221**Publication date:** 2004-03-25**Inventor:** MURASE SEIICHIRO; FUJIWARA TAKENORI;
TOMINAGA TAKESHI**Applicant:** TORAY INDUSTRIES**Classification:****- International:** C07F9/53; H05B33/14; H05B33/22; C09K11/06;
C07F9/00; H05B33/14; H05B33/22; C09K11/06; (IPC1-
7): C09K11/06; H05B33/22; C07F9/53; H05B33/14**- european:****Application number:** JP20020251332 20020829**Priority number(s):** JP20020251332 20020829**Report a data error here****Abstract of JP2004095221**

PROBLEM TO BE SOLVED: To provide a light-emitting device with high thermal stability, low driving voltage, high luminous efficiency, and high color purity.

SOLUTION: This light-emitting device has a luminescent material between an anode and a cathode and emits light with electric energy, and the device has a luminous layer containing at least a blue fluorescent aromatic amine compound and an organic thin film layer adjacent to the luminous layer, and an aromatic compound substituted with a phosphine oxide group is contained in the organic thin film layer.

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H05B 33/22 B
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H05B 33/14 B
C09K 11/06 620
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テーマコード(参考)

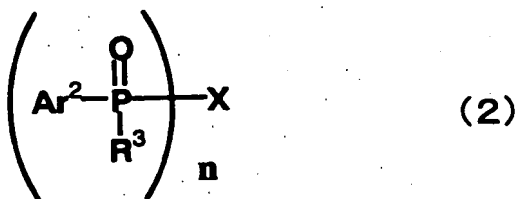
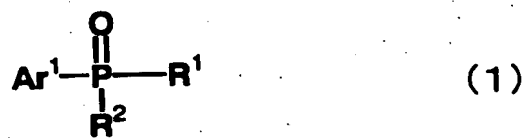
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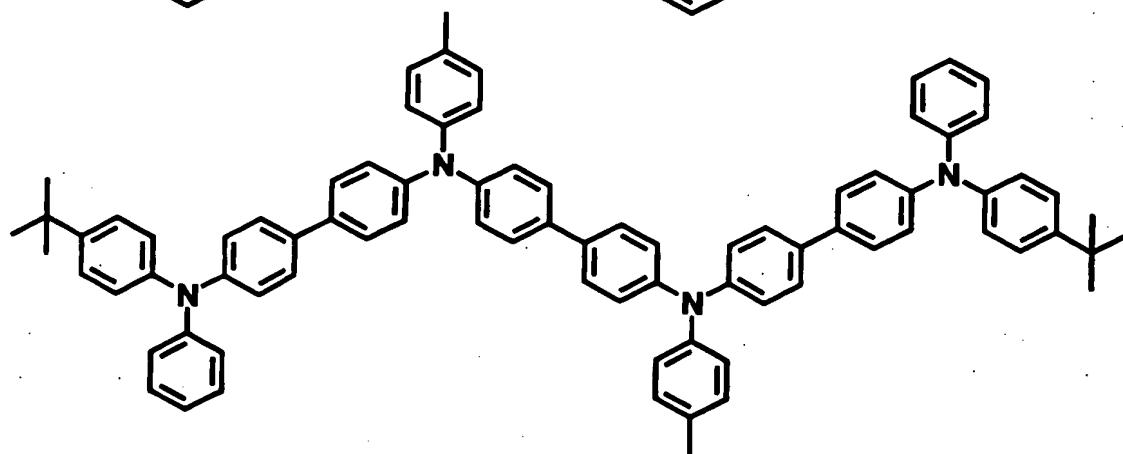
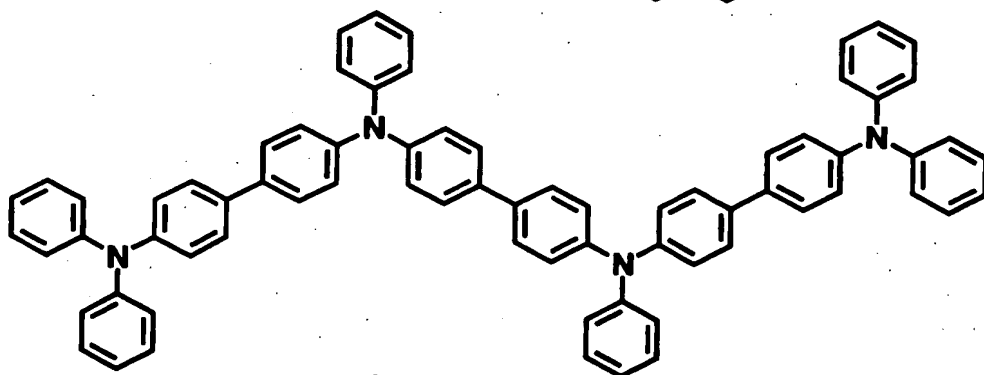
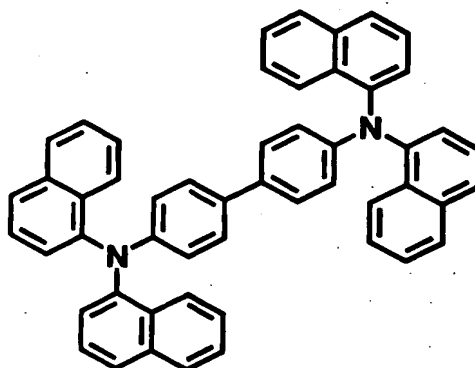
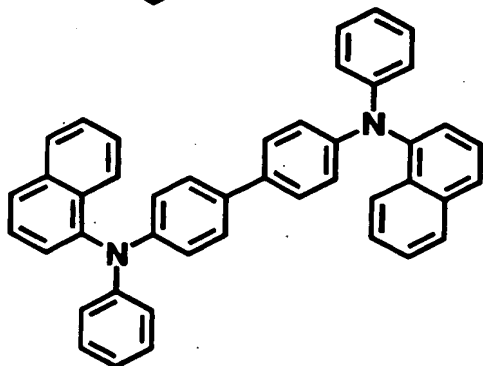
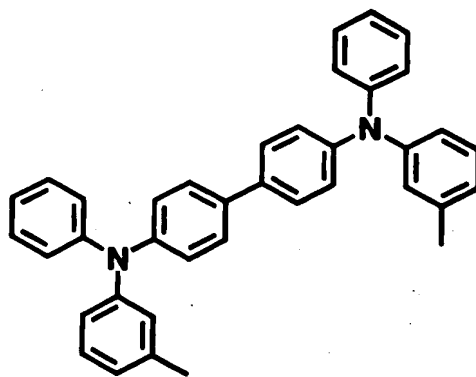
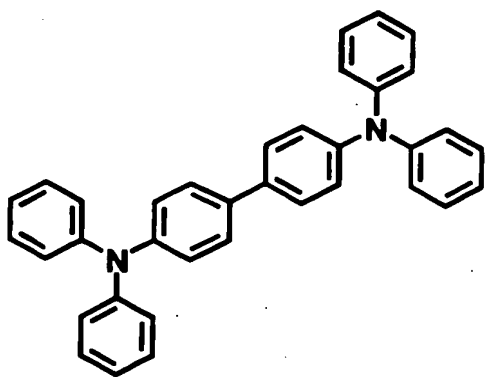
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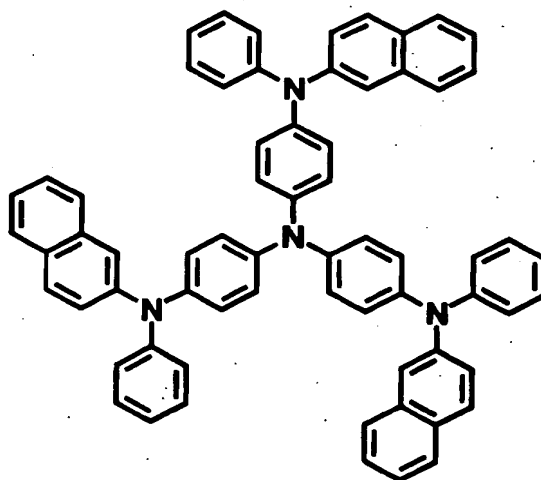
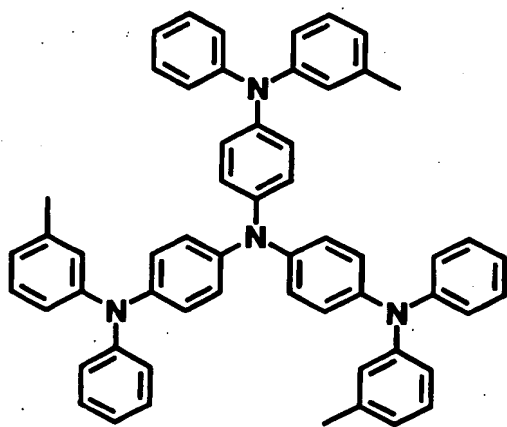
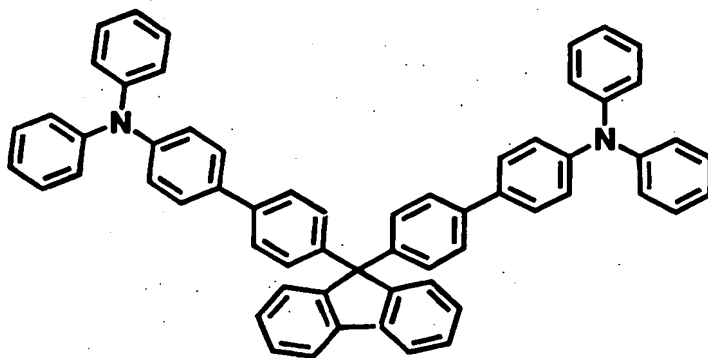
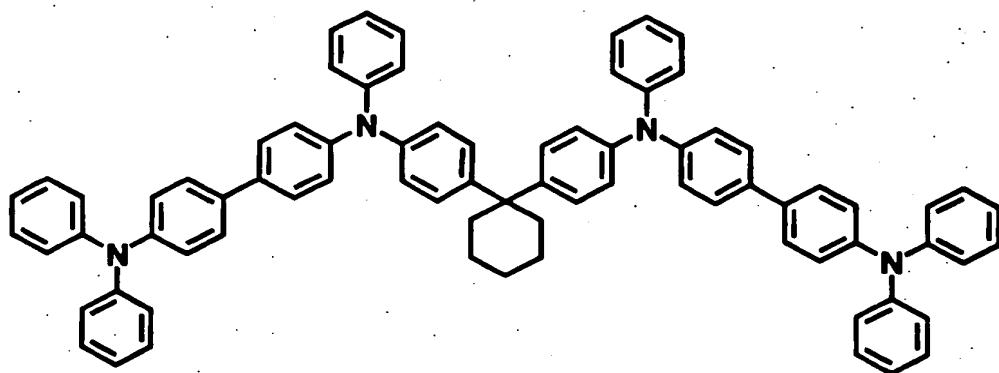
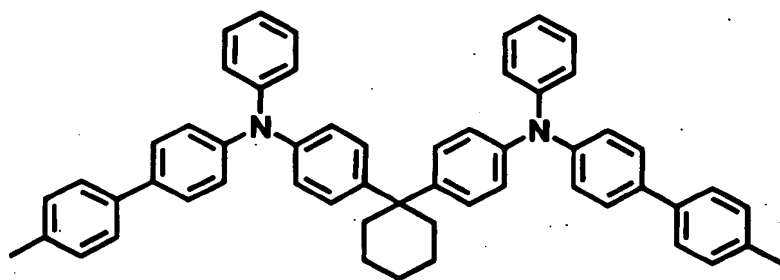
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(22) 出願日 平成14年8月29日(2002.8.29)

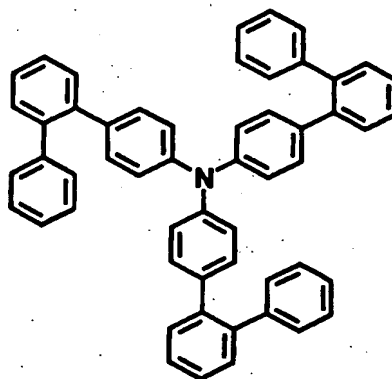
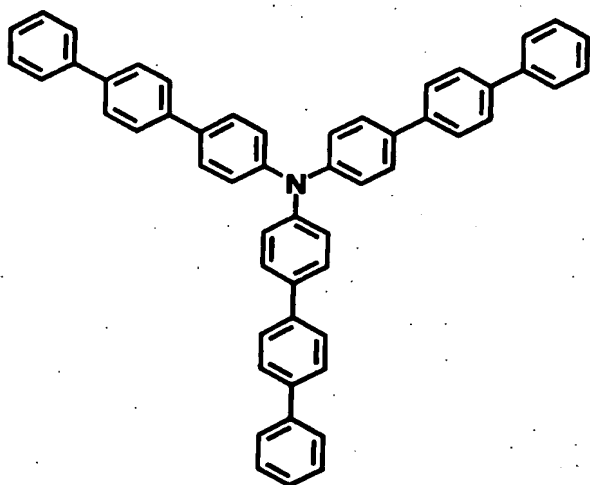
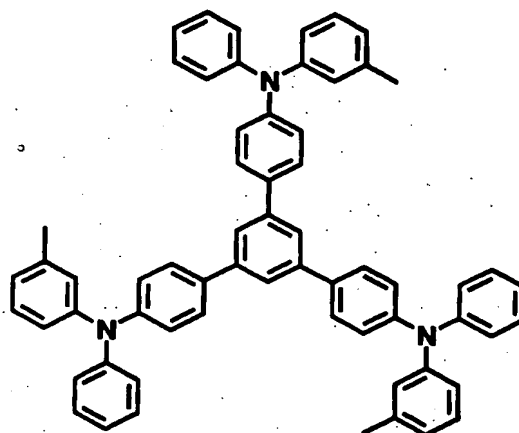
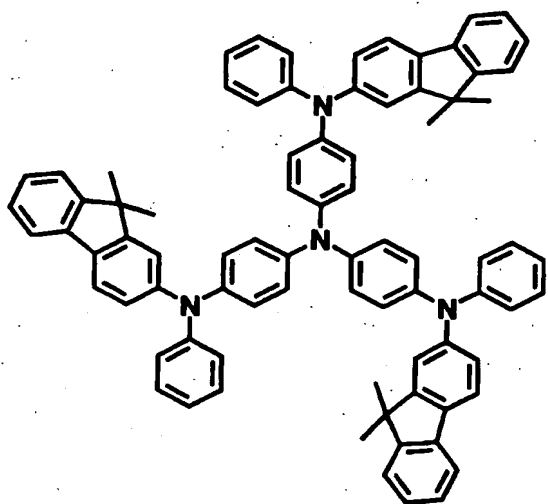
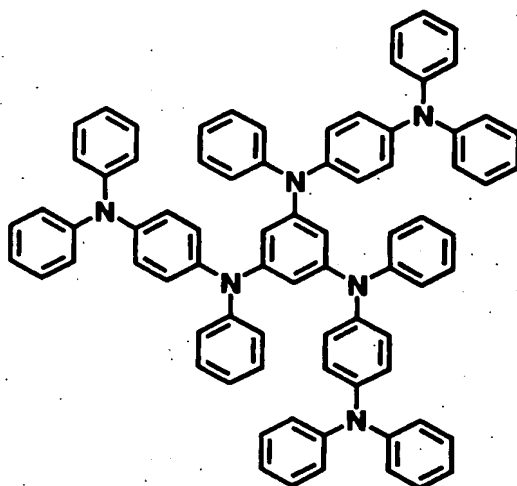
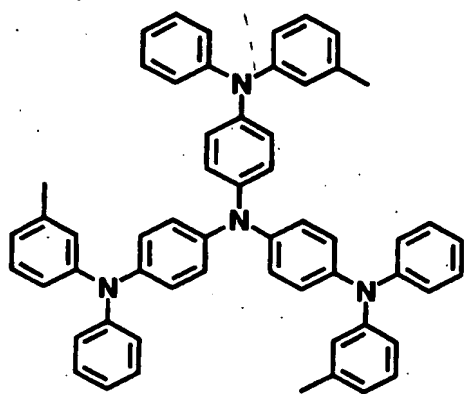
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Fターム(参考) 3K007 AB03 AB04 AB06 AB11 AB14
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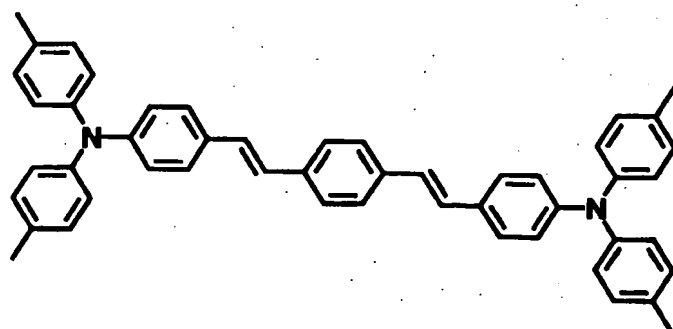
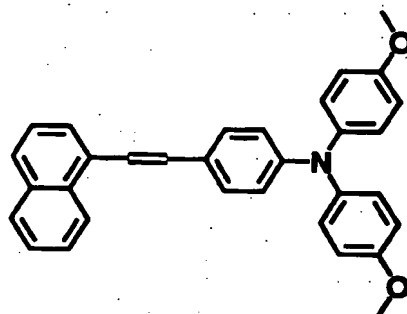
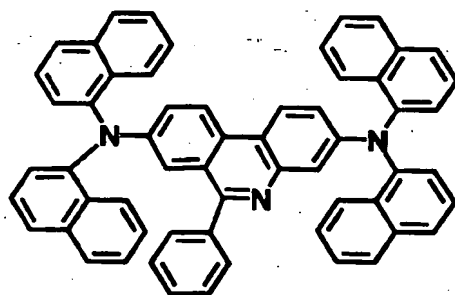
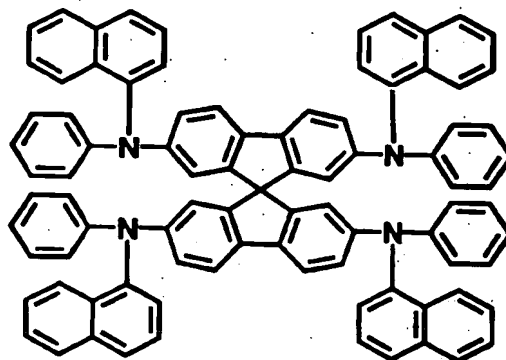
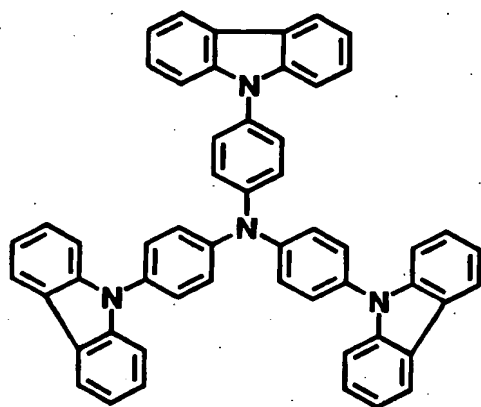
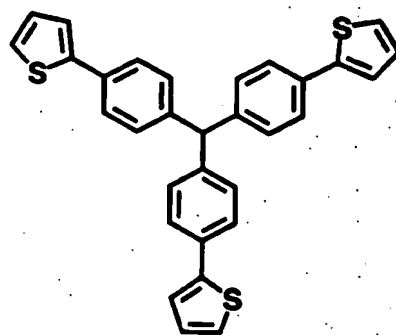
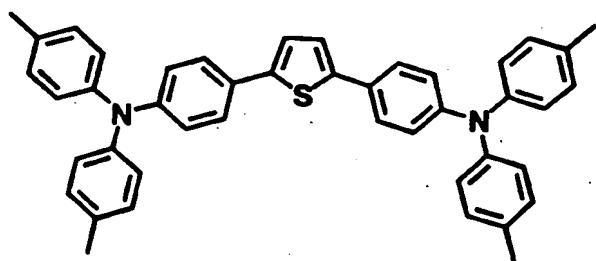
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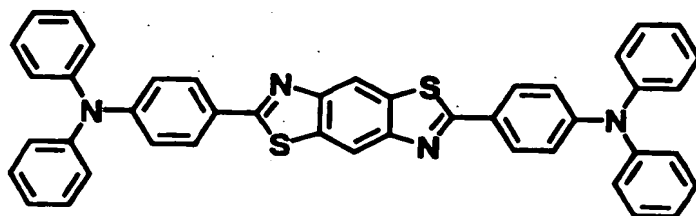
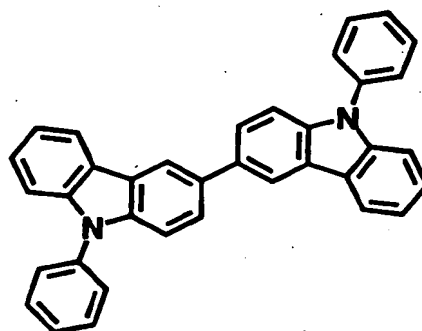
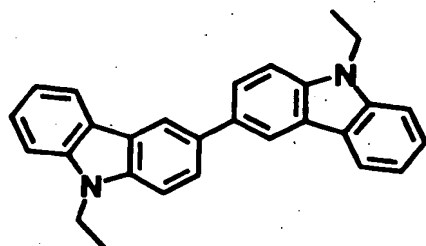
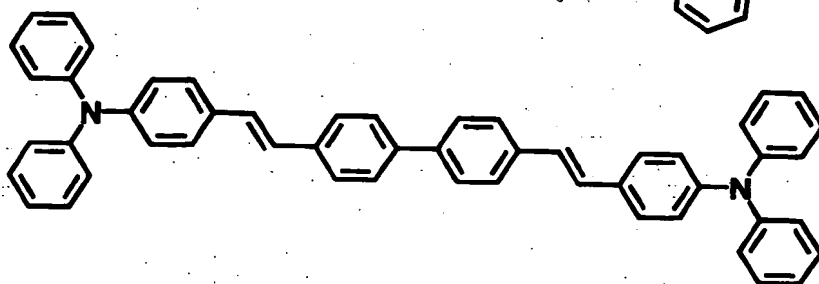
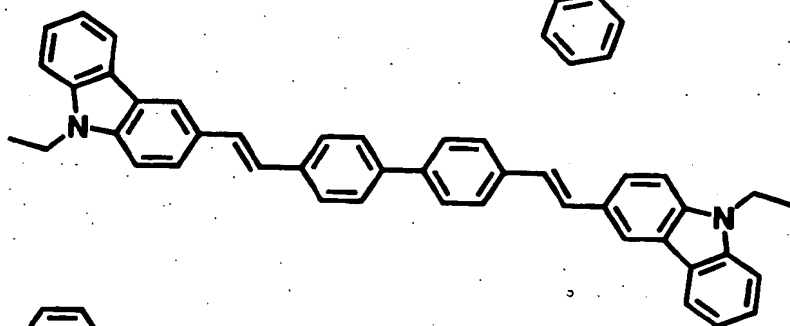
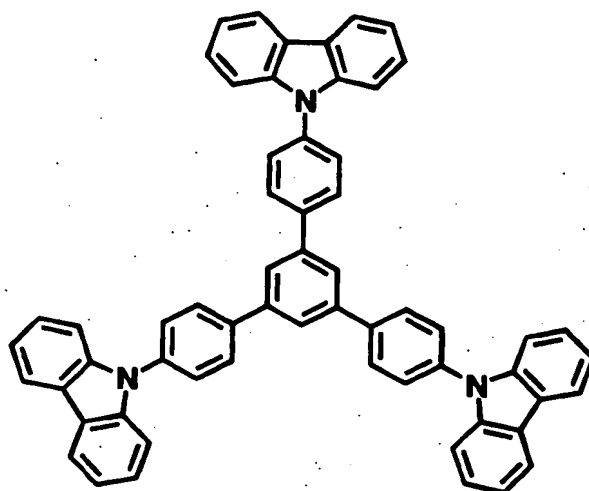
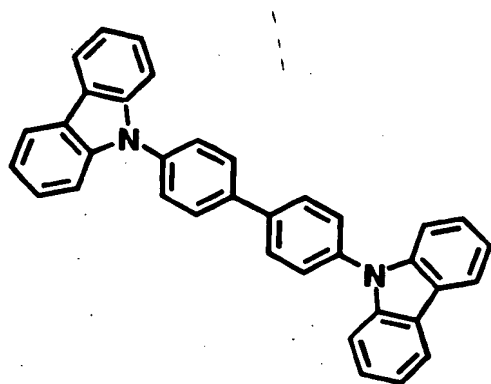


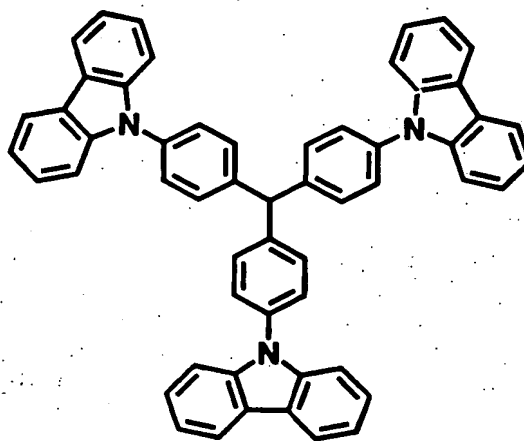
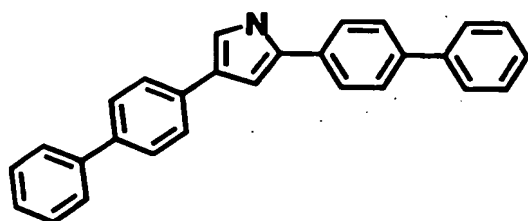
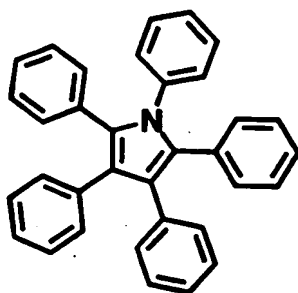
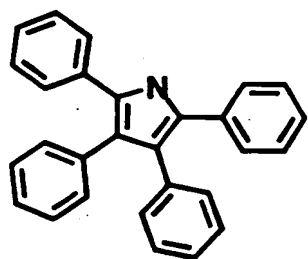


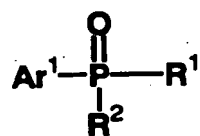






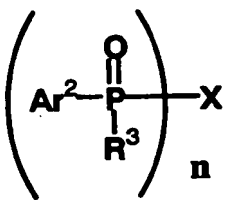




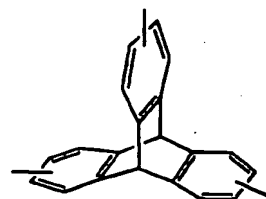
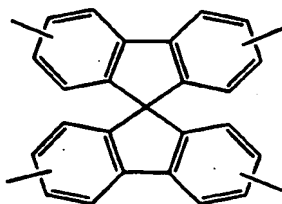
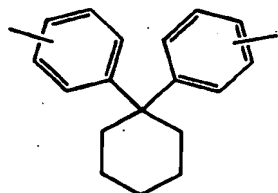
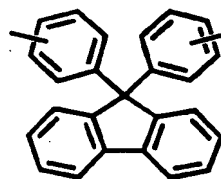
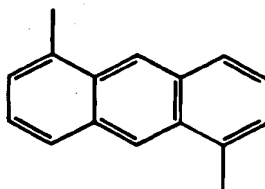
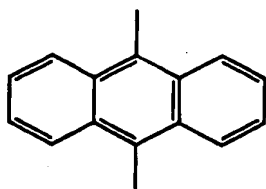
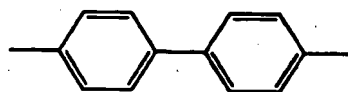
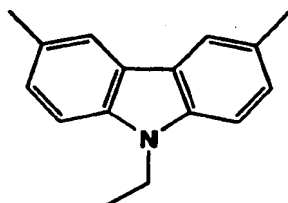
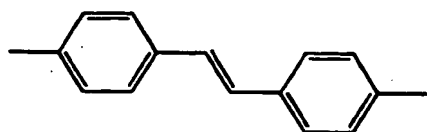
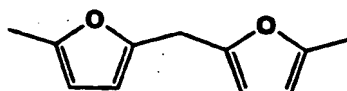
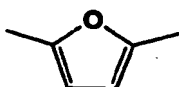
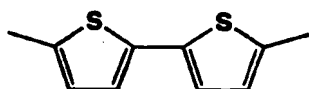
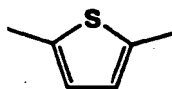
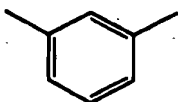
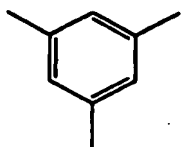
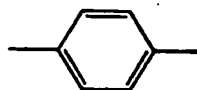


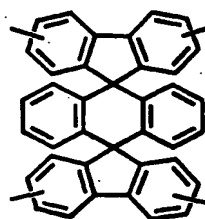
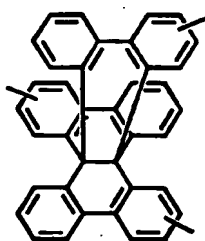
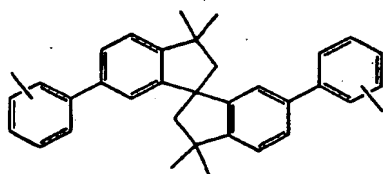
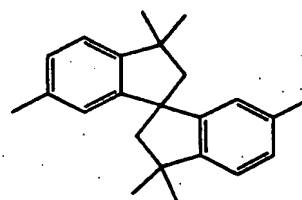
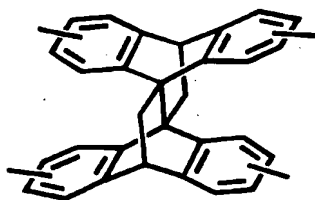
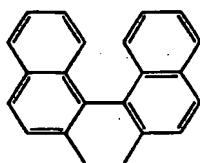
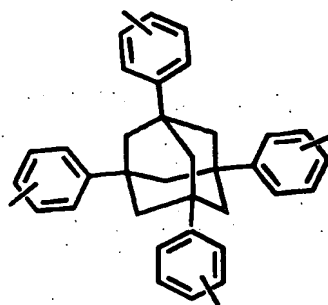
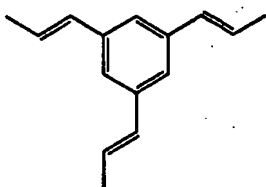
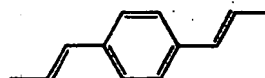
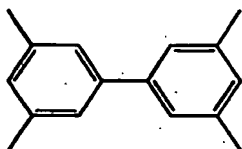
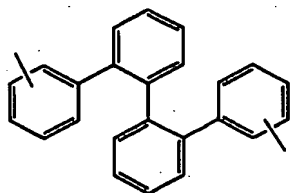
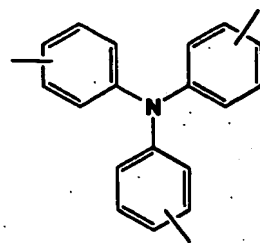
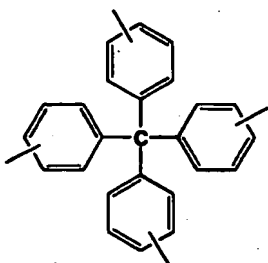
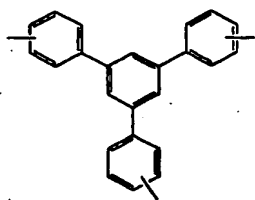
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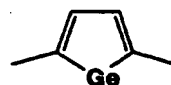
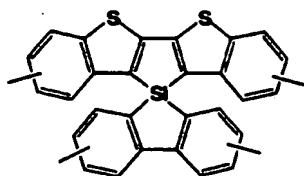
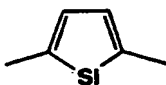
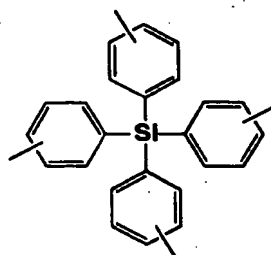
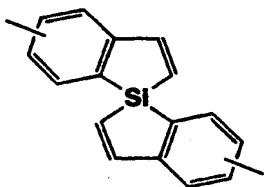
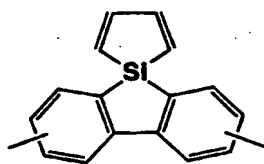
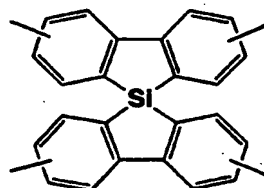
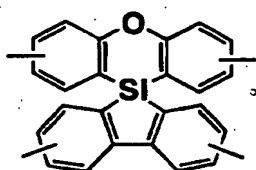
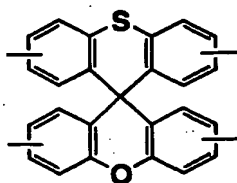
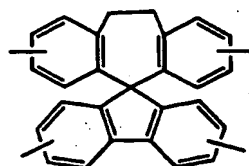
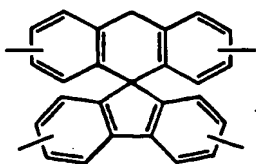
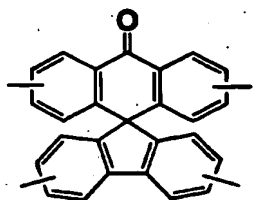
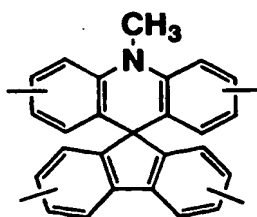
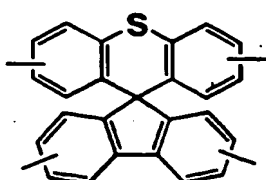
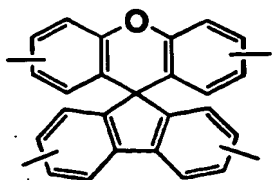
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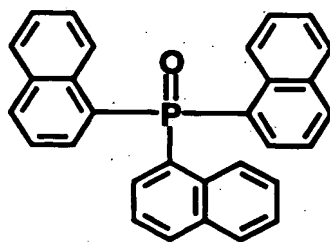
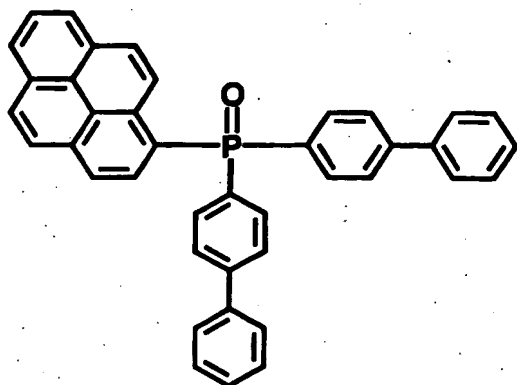
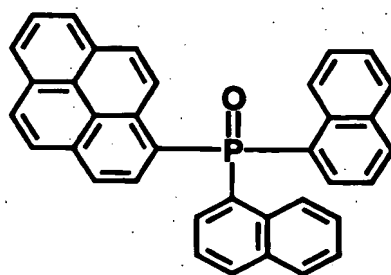
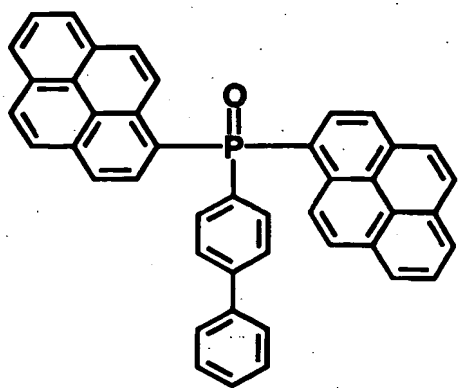
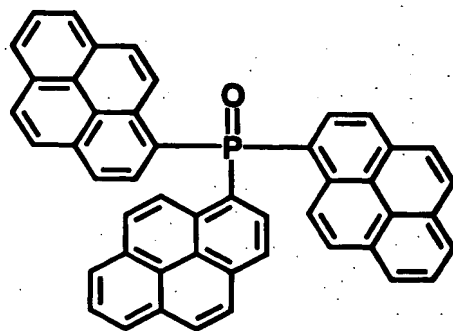
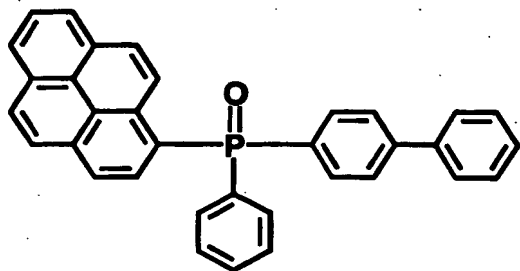
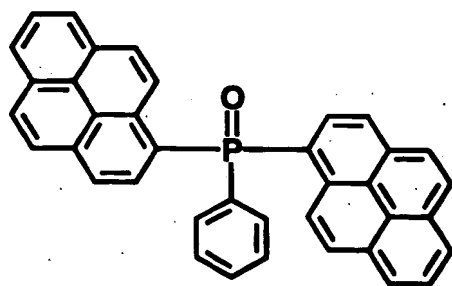
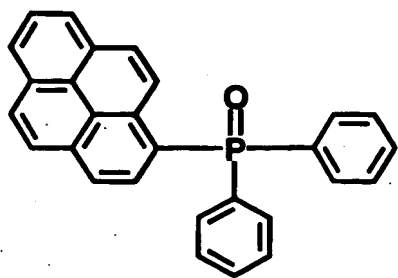


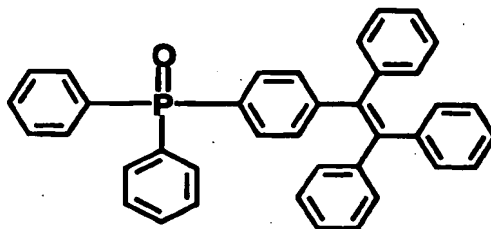
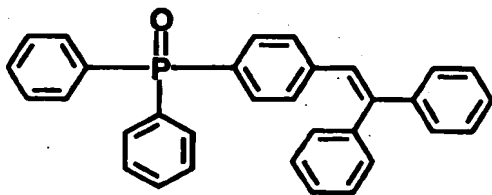
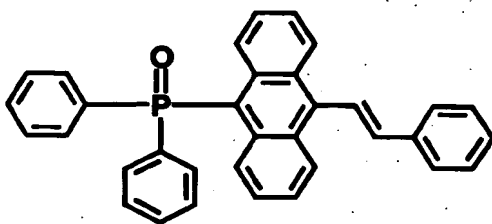
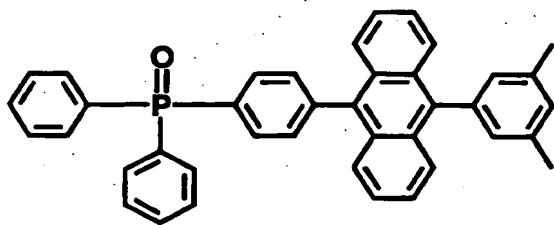
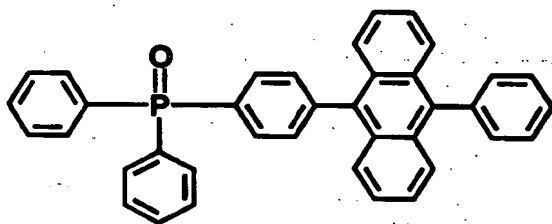
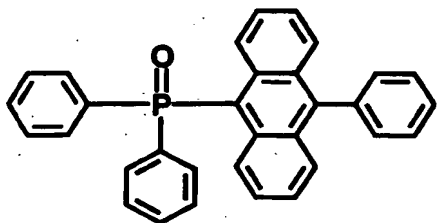
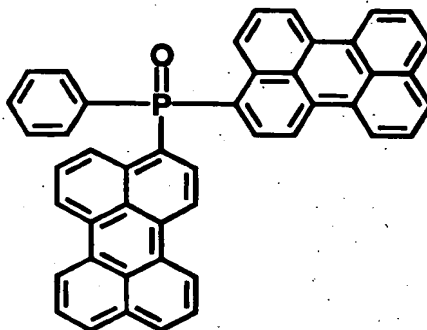
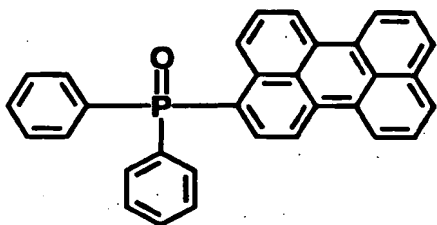
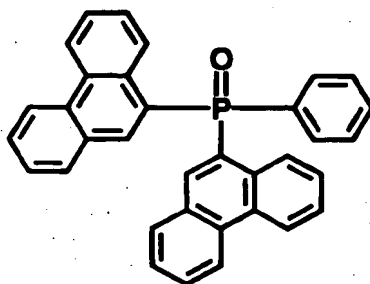
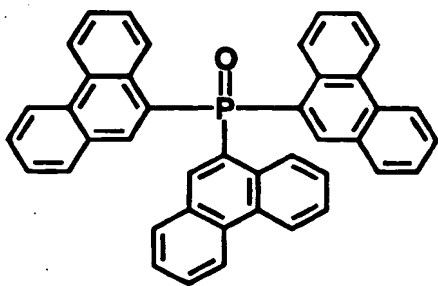
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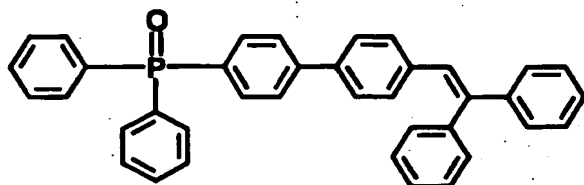
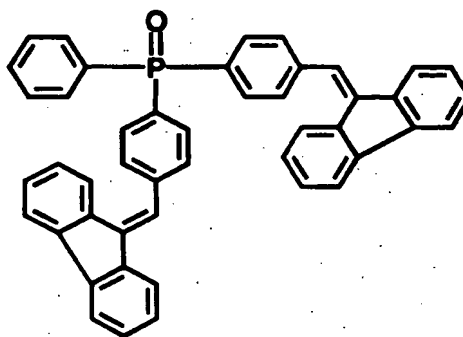
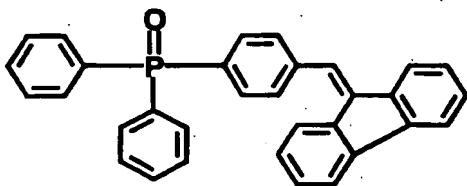
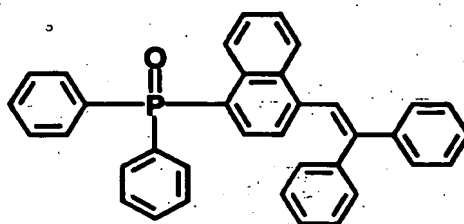
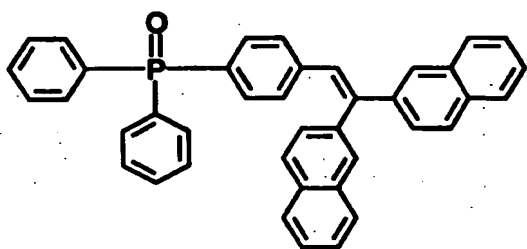
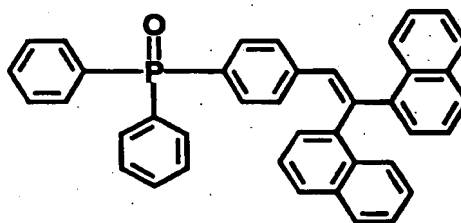
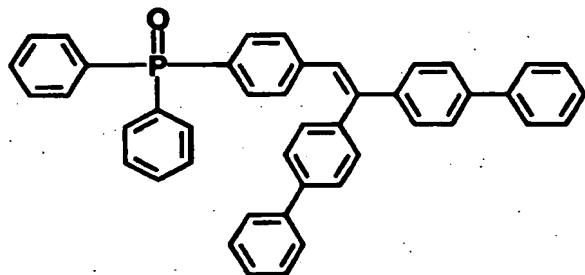
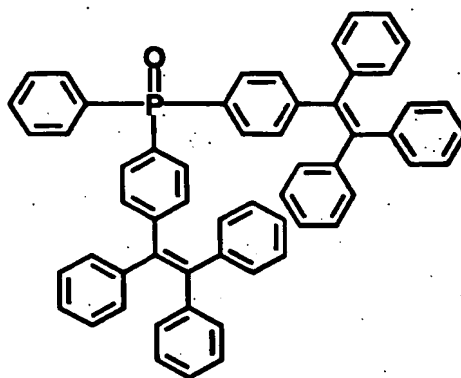
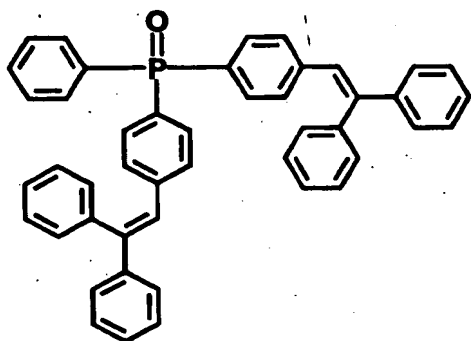


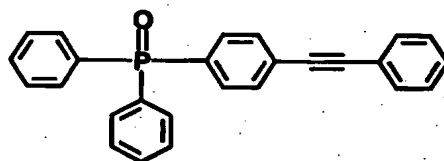
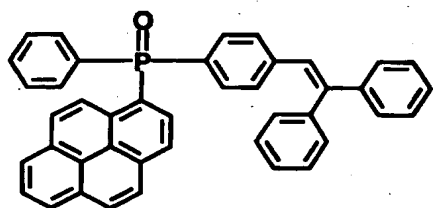
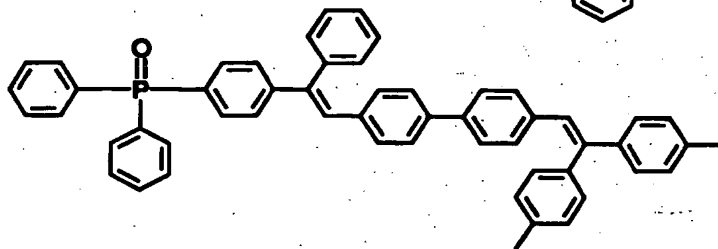
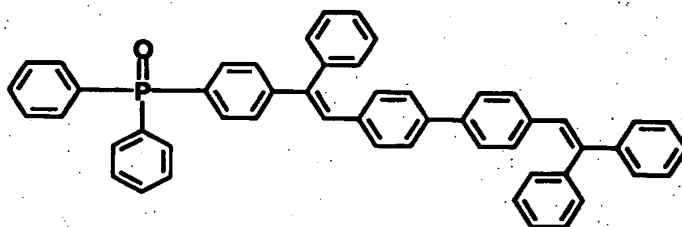
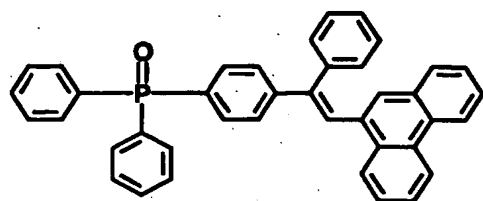
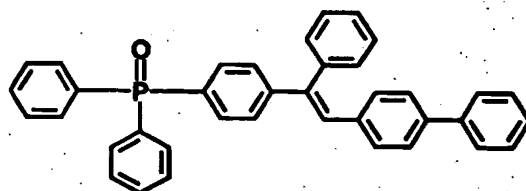
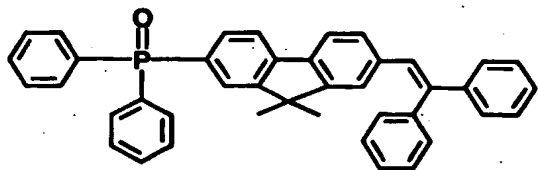
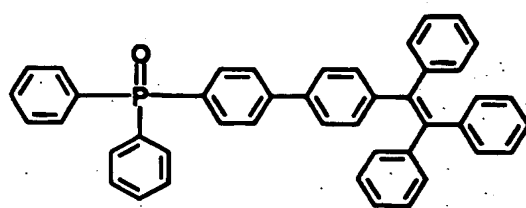
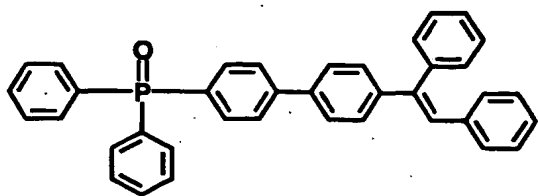


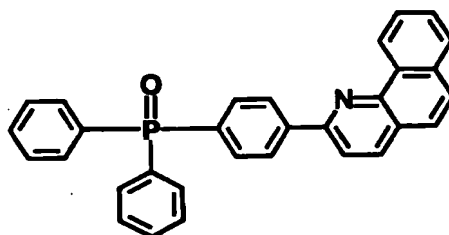
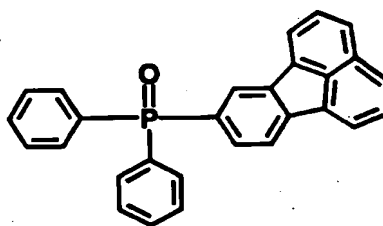
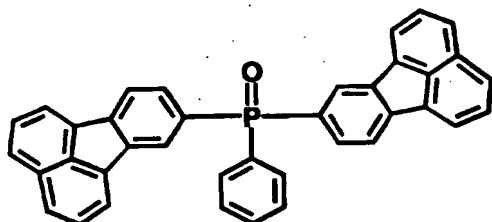
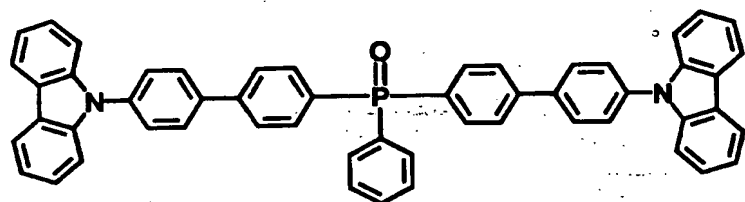
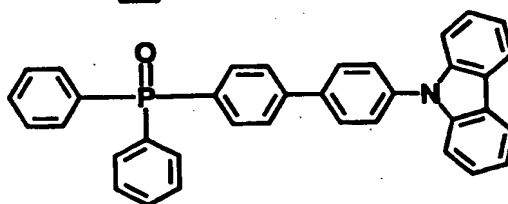
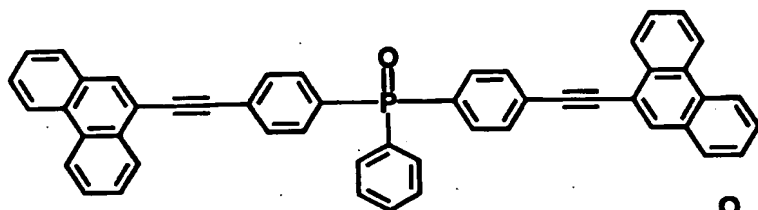
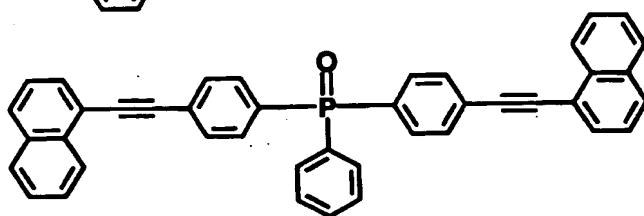
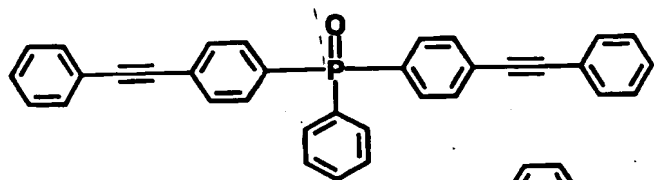


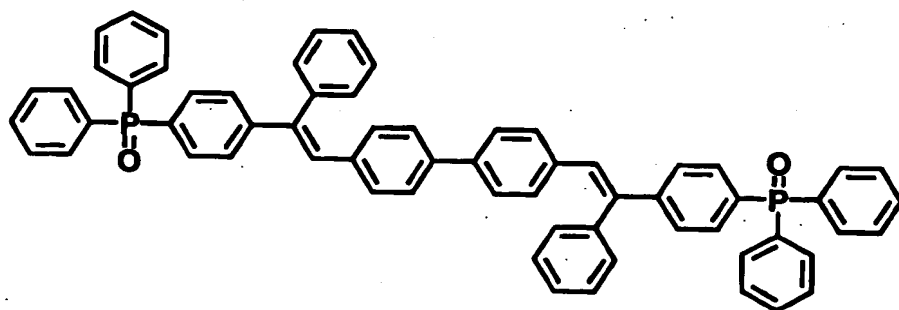
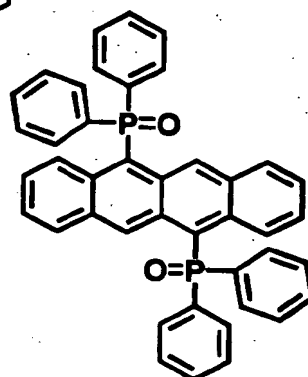
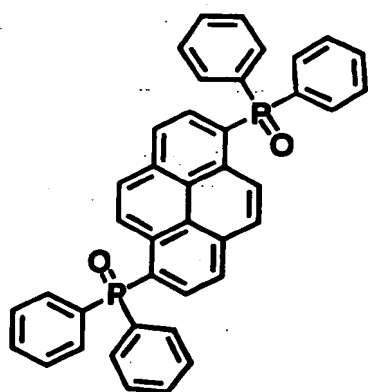
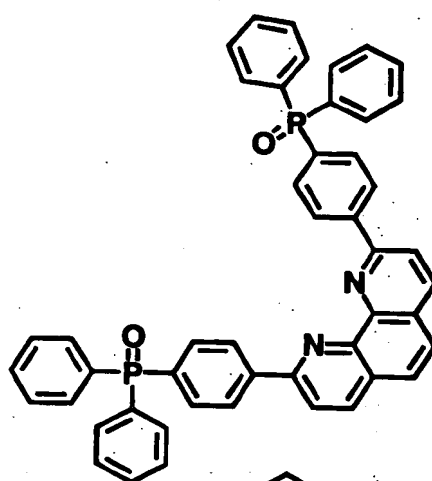
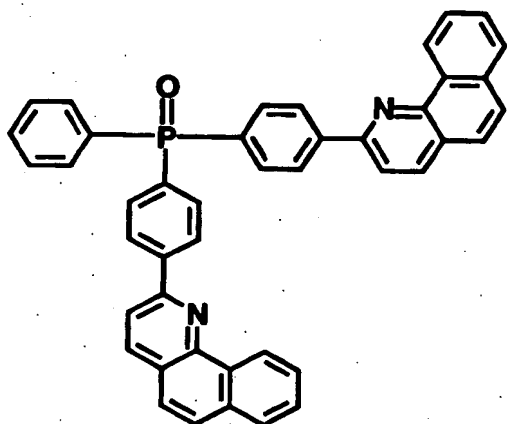
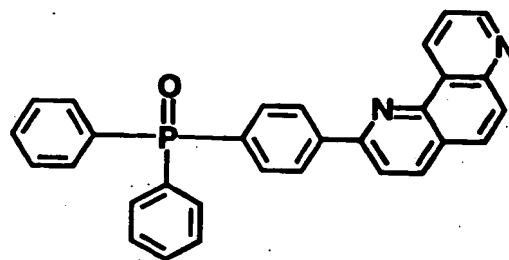
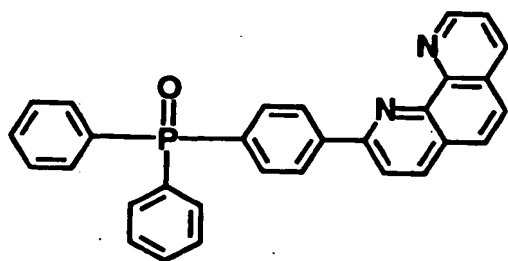












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